



TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC ACCREDITED GRADE "A" INSTITUTE

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**Industrial Visit
To
Cyber Defence Intelligence
&
Educational Tour
To
Shimla Shoghi**

Dated: 21st Sep, 2019 to 24th Sep, 2019

Organized for

BCA Students, TIAS

TOUR REPORT

Event : Industrial Visit
Date : 21st Sep, 2019 to 24th Sep, 2019
Day : Saturday to Tuesday
Venue : Cyber Defence Intelligence HQ, F5 -015 ,Sector -118 ,Mohali, Punjab India
Program : BCA, TIAS
Faculty In charge : 1.Mr. Mohit Tiwari
2. Ms. Ambooj,
No. of Students : 40

Objectives:

- To help the students to gain first-hand information regarding functioning & importance of ethical hacking.
- To enhance the knowledge of networking security
- To co-relate theoretical knowledge with real time practice of the company.
- to develop an intellectual curiosity and desire for continual learning both within and beyond formal education

Introduction to Industrial visit and Educational tour:

Tecnia Institute of Advanced Studies organized educational tour from 21/09/19 to 24/09/19 for BCA1st Semester students. Forty students participated in this tour along with two faculty members.

Students visited “**Cyber Defence Intelligence**” is an emerging Information security company with an aim to provide information security solutions to clients with wide array of platforms: Networks web applications, servers and databases. CDI follows global standards while performing penetration testing operations to ensure integrity, availability and confidentiality of Data



Cyber Defence Intelligence, Mohali



BCA students of Tecnia Institute of Advanced Studies , Delhi visited CDI HQ ,Mohali



BCA students of Tecnia Institute of Advanced Studies , Delhi visited CDI HQ ,Mohali

Commenced their journey to visit to **Cyber Defence Intelligence** at Mohali. Students proceeded to CDI company for their exposure. **Mr. L.S Chhabra** Founder and Director CDI they explained actual meaning of ethical hacking to the students.



Logo Cyber Defence Intelligence



Students interacted with Mr. L.S Chhabra Founder and Director CDI

Mr. L. S. Chhabra discussed on the following areas:

- How many type of ethical hacking
- How to Save your data
- How many people are actual know the meaning of hacking
- How to learn ethical hacking
- Explained the working of ethical hacking in Indian army
- Ethical hacking techniques

Overview of the company

Cyber Defence Intelligence (CDI) follows a broad vision of defending information from unauthorized access, use, disclosure, disruption, modification, perusal, inspection, recording or destruction. The aim at CDI is to provide information security solutions to clients with wide lineup of platforms: networks, web application, servers and databases. CDI provides practical and interactive training on Ethical Hacking covering various subjects in information security and has structured customized courses covering needs of newbie's, students and corporate world- CDI aims to cater to the needs of all.

CDI has a larger aim of expanding the IT security which is not more than 10 years old in India. India has not more than 1000 cyber security experts which are quite less compared to the requirement of more than 4 lakh experts. Increase in worldwide awareness in cyber security demands a growth in India too.

Keeping this in mind, CDI has come up with two major goals:

- Provide quality research and training programs for security evangelist adding them in the team of qualified cyber security work force.
- Provide quality security solutions right from company which comprises of 'White hat turned black hat hackers' that knows subject matter to its depth bringing in best practices of penetration testing methodologies in labs.

COMMITMENT AT CDI

- At CDI, we tend to provide the best solutions to the problems of our clients regarding any kind of Cyber Attack with a Guarantee of specified time period.
- We provide various services meeting all the requirements of the clients with 100% safety and surety.
- We commit at putting the best of efforts and team work in our client's task.
- We assure 100% consumer satisfaction and long term alliance.
- We look forward at providing a wide array of services giving the facility of all solutions to Cyber Attacks at one place.

VISION:

To be the most efficient and reliable Cyber Security training provider so that people learn about Cyber Security. Our vision is to increase the awareness about the cyber security and let every individual be capable enough to secure his data. We, at CDI, understand the importance of data and look forward to secure the same positively. The importance of the privacy to one's data is felt at CDI and thus, we toil hard to keep the same safe now and always

Learning out come

Students have learnt about

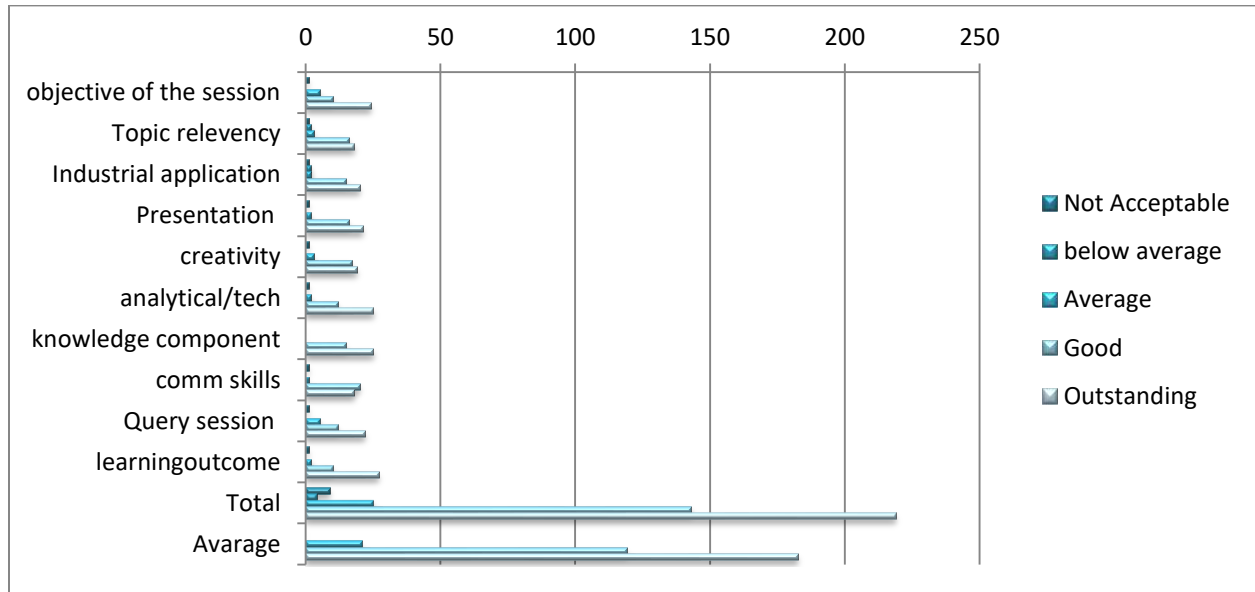
- Ethical Hacking
- Network Security
- Correlated theoretical knowledge with practical implementation
- Developed an intellectual curiosity and desire for continual learning both within and beyond formal education.

Student's Feedback Analysis:

It was a great learning experience to visit the Shimla and **CDI** at Mohali for the students and they got real-time experience of the Cyber-crime and cyber ethics. This industrial visit was very fruitful for the students as it gave them the opportunity to have a practical knowledge of what has been included in the curriculum. Following are the Analysis of the student's Feedback:

Summary sheet of Feedback Analysis												
Particulars	Objectives	Topic Relevance	Industry application	Presentation	Creativity	analytical / tech	knowledge component	Query session	Overall environment	Learning outcome	Total	Average
Not Acceptable	1	1	1	1	1	1	0	1	1	1	9	0
below average	0	2	2	0	0	0	0	0	0	0	4	0
Average	5	3	2	2	3	2	0	1	5	2	25	20.83333
Good	10	16	15	16	17	12	15	20	12	10	143	119.1667
Outstanding	24	18	20	21	19	25	25	18	22	27	219	182.5

Interpretation of the result:



A careful study of the feedback analysis leads to the following Interpretation:

- Out of 40 feed- back received from the students, Majority of the students with regard to the “objectives of the tour”, “Industrial Objective”, “Presentation by the resource person”, “Creativity enhancement”, “Analytical /Technical skills”, “Knowledge component”, “Interpersonal Skills and Query session handling”, “Overall environment” and “Learning Outcome”, were outstanding.
- Positive opinion about the Industrial Visit cum Educational tour and called it an outstanding experience of their lives.
- The students found the Industrial visit cum Educational Tour, very Productive, Creative and full of Learning Experiences.
- This Industrial visit cum Educational Tour was in line with the Relevancy and was well acknowledged by the students.

Shimla

Shimla is called as Queen of Hills, It is situated at an altitude of 2215 meter above the sea level. Shimla, is the capital and the largest city of the Indian state of Himachal Pradesh. Shimla is also a district which is bounded by the state of Uttarakhand in the south-east, districts of Mandi and Kullu in the north, Kinnaur in the east, Sirmaur in the south and Solan in the west. Shimla city was dense forest during the 18th century. The only civilisation was the Jakhoo temple and a few scattered houses. Local hangouts like the Mall and the Ridge are in the heart of the city. Most of the heritage buildings in the city are preserved in their original 'Tudorbethan' architecture.

History of Shimla

In 1804 the Gurkhas , who had suffered a severe defeat at the hands of the Sikhs at the battle of Kangra, a hill fortress about sixty miles from Shimla, where according to some accounts they lost thousand of men in the fight and many others from disease, commenced to ravage the states and hills surrounding Shimla. Gurkhas built many forts around Shimla. By 1808 the invaders had conquered all the fortified posts between the Jamuna and Satluj, and from their capital Arki began their ruthless rule over the neighbouring hill states, untill at length the people in their wretchedness appealed to the British for help. A small British force under Major General 'Sir David Ochterlony' was despatched to liberate the hill men from Gurkhas. The rivals were engaged in the toughest battle at 3750 ft high Ramgarh fort at Nalagarh. A decisive battle took place near the fort at Malaon in which superior guns of the British overpowered the enemy. The battle of Malaon on 15th May 1815 ended the dream of the Gurkhas, to rule over this part of the land for any longer. After few days, an official declaration was made according to which all Chieftains who had joined British in expelling the Gurkhas were restored with their land under the British protection. The maharaja of Patiala who has also rendered invaluable services to the British was rewarded with land in the neighbourhood of the area now comprising Shimla. After the defeat of Gurkhas they were forced to sign the 'Treaty of Sanjauli' . The company retained the strategic forts of Sabathu, Kotgarh, Ramgarh and Sandoch.



View of Shimla

Shoghi

Shoghi is a small town located at an elevation of 5700 ft in the state of Himachal Pradesh. Situated at a distance of about 13 km from the district of Shimla, this town is one of the popular hill stations in the state. The small town of Shoghi, bounded by oak trees and rhododendrons, is known for its natural beauty. The place is also famous for locally made fruit products like juices, jellies, syrups and pickles.

Tourist Places in and around Shoghi

Shoghi is also known as the temple town as there are several old temples situated in the region. The recently renovated Hanuman Temple, the Kali Temple and the Tara Devi Temple are the popular religious centres of the place. Shoghi is easily accessible via the different modes of transports, such as air, rail and road. The nearest domestic airport to Shoghi is the Shimla Airport in Jubbarhatti, situated at a distance of about 21 km from the town. The Indira Gandhi International Airport (IGI) in Delhi is the closest international airbase. Kalka is the closest major railway station to Shoghi and is connected with most of the major Indian cities.

History of Shoghi

The history of Shoghi dates back to the 19th century, during the time of the Anglo-Gurkha War. On 15th May, 1815, the Gurkhas had to face defeat in the war of Malaon at the hands of Chieftains. The British and the Chieftains together then forced the Gurkhas to sign the Treaty of Sanjauli, according to which, the areas under the Gurkha rule were returned to the original rulers.

Later on, the entire region, including Shimla, was gifted to the Maharaja of Patiala by the British in return for his continued services.

All students who participated in the Industrial Cum Educational trip, gathered at the college premises at 9:00 PM. The students boarded the bus in which their seating & travelling arrangements had been made. The bus departed for the destination at 10:00 PM. Overnight travel to Shimla. This kind of activity develops the Managerial qualities like Punctuality of Time, Co-ordination of activities and Integrated Communication among the students and the faculty members.



Bus departed for the destination

The students got an opportunity to interact with the local people in Shimla. They learned about the history of that place, the culture of the local people apart from understanding the uniqueness of the traditional products like- Shawls, Home-decoration items etc. which are available aplenty in the mall road market. This demonstrates the utility of understanding the cultural environment of the business



Students in Shimla

On this day, the students moved out for the Shoghi to see the amidst an emerald pine forest. It is 18 kms before Shimla. Here, students learnt that many exciting adventure and activity based outbound training and team building programs by certified outdoor instructors. The students experienced the natural bliss of the surroundings and the importance of being disciplined & cautious on such an adventurous activity.

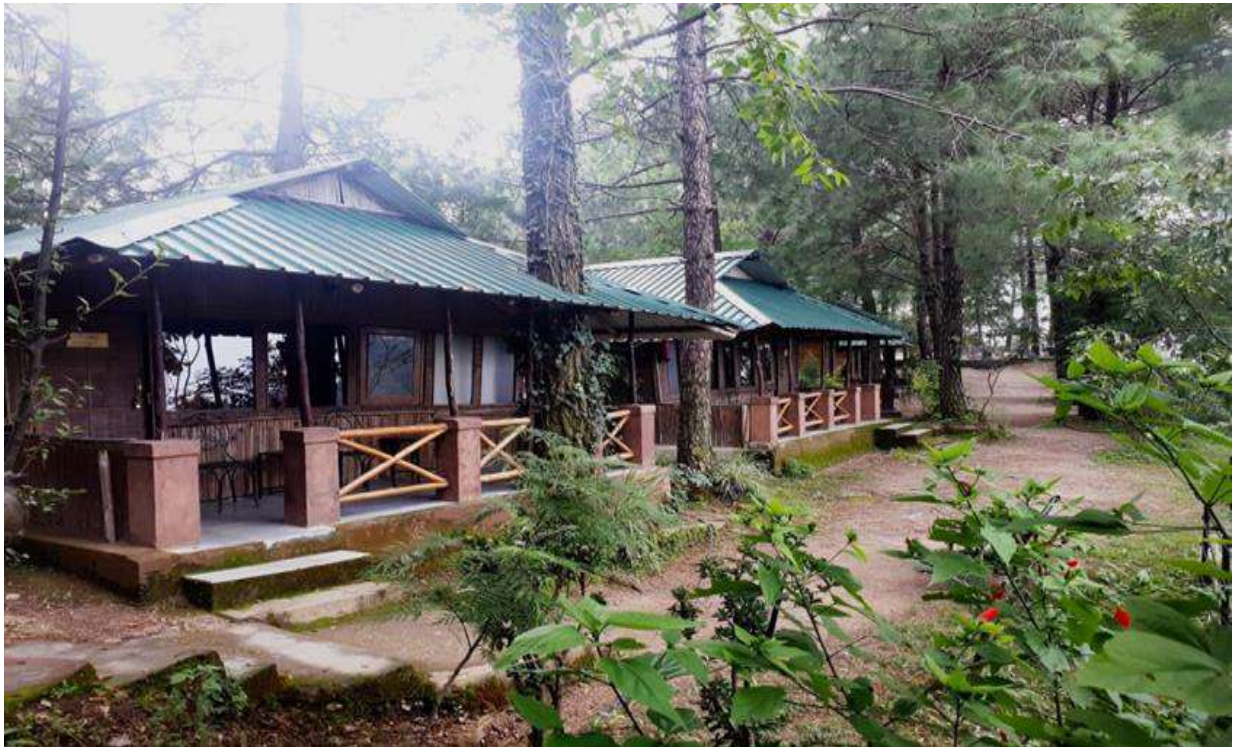


Shogi Resort Park Wood In Middle Of Forest

Annexure Photo



View of hotel in Shimla



View of cottage in Shoghi



Reach the destination



View of Mall road in shimla



Mountain activity



Sunset View in Shimla